

11. The syringe set for a balloon catheter according to claim **1**, wherein the storage groove comprises at least a cylinder storage groove for storing a cylinder of the syringe, a flange storage groove for storing the flange of the syringe, and a plunger storage groove for storing a plunger of the syringe in communication with each other.

12. The syringe set for a balloon catheter according to claim **1**, wherein the cylinder storage groove has a size smaller than the flange of the syringe so that the cylinder of the syringe is prevented from moving in an axial direction and dropping off.

13. The syringe set for a balloon catheter according to claim **1**, wherein the plunger storage groove is closed on one end surface so as to prevent the plunger of the syringe from coming apart from the cylinder and dropping off.

14. The syringe set for a balloon catheter according to claim **1**, wherein the storage groove constrains rotation of the syringe in a circumferential direction.

15. The syringe set for a balloon catheter according to claim **1**, in combination with at least one syringe stored in a corresponding holding part of the syringe holder, to form a syringe set for a balloon catheter.

16. The syringe set for a balloon catheter according to claim **15**, wherein the syringe set includes a balloon catheter.

17. The syringe set for a balloon according to claim **15**, wherein the syringe set is enclosed in a sterilized package.

18. The syringe set for a balloon catheter according to claim **17**, wherein the syringe set is enclosed in a single sterilized package.

* * * * *